



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Atsushi MURAKAMI et al.

Group Art Unit: 2853

Application No.: 10/614,126

Filed: July 8, 2003

Docket No.: 112049.01

For: INK CARTRIDGE, PRINTING APPARATUS USING THE INK CARTRIDGE, AND
METHOD FOR DETECTING REMAINING AMOUNT OF INK USING THE INK
CARTRIDGE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.
- ☒ 3. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- ☒ 4. English-language Abstracts of the non-English language references 4 and 5 are attached hereto.

- ☒ 5. A computer-generated English translation of the following Japanese reference has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See Reference 4.

Respectfully submitted,



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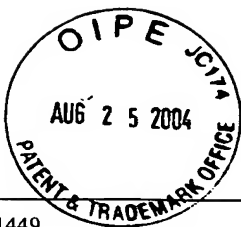
Date: August 25, 2004

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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112049.01		APPLICATION NO. 10/614,126	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Atsushi MURAKAMI et al.			
				FILING DATE July 8, 2003		GROUP 2853	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	2001/0024226	09/27/2001	Sasaki			
	2	2003/0030707	02/13/2003	Sasaki			
	3	2003/0048339	03/13/2003	Sasaki			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	4	JP A 10-232157 w/Abstract and English Translation	09/02/1998	Japan			
	5	JP A 2-102062 w/Abstract	04/13/1990	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: August 25, 2004